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Minimum DB
Maximum DB
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                                                                                                                                                                                                                                                  No.
                                                                                                                                                                                                                                                                                                                                     score greater than or equal
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                                                                                                                                                                                                                                                                                                                          18
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seq length:
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         protein search, using sw model
                                                                                                                                                                                                                                                                                                                         derived by analysis of the total score distribution.
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Match
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Copyright (c) 1993 - 2004 Compugen Ltd.
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/cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB_pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB_pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB_pep:*
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US-09-878-281-38
US-09-878-281-223
US-09-878-281-223
US-09-878-281-223
US-09-878-281-32
US-09-878-281-32
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-10-309-561-	0-029-907-	-10-259-275-4	-09-878-281-	-09-899-046-9	-10-259-275-4	-10-191-966-1	-191-96	-10-191-966-	US-09-919-901-16	-09-919-901-	-09-919-901-	-10-085-476-	-10-191-966-1	-10-191-96	-10-191-966-	-09-919-901-1	-09-919-901-	9-901-	-09-878-281-2	-09-878-281-19	6	-09-899-046-19	-878-281-27	9-899-046-2	ů	9-0	-10-396-964-	-09-878-281-	US-09-899-046-97
equence 3,	Sequence 3, Appli	e 42	equence 99	e 99	e 40	equence 16	equence 9,	`	e 16	e 9,	e 2,	e 2,	e 18	e 11	e 4,	e 18	e 11	e 4,	e 20	equence 19	e 20	e 19	e 27	e 27	equence 30,	equence 30,	e 2,	equence 97,	Sequence 97, Appl

ALIGNMENTS

US-09-899-046-36

Sequence 36, Application US/09899046 Publication No. US20030008274A1 GENERAL INFORMATION:

TITLE OF INVENTION:

New sequences of hepatitis C virus genotypes for diagnosis, prophylaxis and therapy.

APPLICANT:

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                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 270

COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PC-DOS/MS-DOS
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: US/09/899,046
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/899,046
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acid
                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                          Local
                                                                                                                                                                                                                                                        TYPE: amino acid TOPOLOGY: linear
61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFKGKVLGLLQRATQQQAVIEPIVT 120
                                                                                                 Н
                                                                                                                                      h 100.0%;;
Similarity 100.0%;;;
33; Conservative 0;
                                                                                     QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
                                                           133 amino acids
                                                                                                                                                                                                                                    protein
                                                                                                                                                                                                                                                                                                                                                                                                                                   us/09/899,046
                                                                                                                                      Score 133; DB 10;
Pred. No. 1e-120;
Mismatches 0;
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                                                                                                                                                                             Length 133;
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RESULT 2
US-09-878-281-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 133; DB 10 Best Local Similarity 100.0%; Pred. No. 1e-120;
                                                                                                                                                                                                                                                                                   Sequence 38, App
Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 133;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
          APPLICATION NUMBER: US
FILING DATE:
PRIOR APPLICATION UDSTA:
APPLICATION NUMBER: 0
FILING DATE:
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TITLE OF INVENTION: 1
TITLE OF INVENTION: 1
NUMBER OF SEQUENCES:
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FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Ralease #1.0,
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: GeI
NUMBER OF SEQUENCES: 2:
COMPUTER READABLE FORM:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
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                                                                                                                                                                                                                                                                                                                                                                                                                       TNWOKLEAFWHKH 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAIVPDKEVLYQQYDEMBECSQAAPYIEQAQVIAHQFKGKVLGLLQRATQQQAVIEPIVT 120
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                                                                                                                                                            Floppy disk
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genotypes for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   New sequences of hepatitis C virus genotypes for diagnosis, prophylaxis
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                                                                                                                                                                                                            of hepatitis C virus diagnosis, prophylaxis and therapy.
                                                                                                                Version #1.25
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Best Local S
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; MOLECULE TYPE: protein US-09-899-046-38
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                                                                                                                                                   Sequence 38, Application US/09878281 Publication No. US20030032005A1
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Best Local Similarity
TITLE OF INVENTION: New sequence TITLE OF INVENTION: genotypes for NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                GENERAL INFORMATION:
APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,04
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LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA: APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                Similarity
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                                                                                                                                                                                                                                                              PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK
                                                                                                                                                                                                                                                                                                                                     73.7%; Score 98; DB ilarity 100.0%; Pred. No. 7.4 Conservative 0; Mismatches
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                                                          New sequences of hepatitis C genotypes for diagnosis, prop 270
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. 7.4e-87;
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7.4e-87;
hes 0;
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                                                                             prophylaxis
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RESULT 9
US-09-899-046-32
Sequence 32, Application US/09899046
Publication US20030008274A1
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US-09-899-046-34
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                                                 ; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-899-046-34
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Query Match
Best Local
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT:
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                                                                                                                                                         INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: New TITLE OF INVENTION: gen: NUMBER OF SEQUENCES: 27 COMPUTER REALDABLE FORM: MEDIUM TYPE: Floppy d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
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                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                          APPLICATION NUMBER: 08/362,455
                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/899,046
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 Similarity
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                                                                                               : 133 amino acids
amino acid
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100.0%; Pr/
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39.1%;
100.0%;
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Pred. No. 2.4e-42;
Score 52;
Pred. No.
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DB 10; : 2.4e-42;
              Length 133;
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US-09-878-281-34
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US-09-878-281-32
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                                US-09-878-281-34
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Publication No. US20030032005A1
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Query Match
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APPLICANT:
                                                                                                                            FILING DATE:
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                      APPLICANT:
TITLE OF INVENTION: NUMBER OF SEQUENCES:
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LENGTH: 133 amino acid
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/09/878,281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
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APPLICATION NUMBER:
                                                                                                                                                           FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                            SEQUENCE CHARACTERISTICS
LENGTH: 133 amino aci
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                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                TOPOLOGY:
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                                                                            amino acid
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                                               TYPE:
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                                                                                             133 amino acids
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genotypes for
 39.1%;
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Pred. No.
 Score
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diagnosis, prophylaxis
 52;
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 BB
 10;
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RESULT 7
US-09-899-046-223
; Sequence 223, A)
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US-09-878-281-40
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: :
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/878,281
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SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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PRIOR APPLICATION DATA:
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Local Similarity 100.0%;
nes 98; Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
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                                                                                                             PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
                                                                                     PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
                                                                                                                                                           QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
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 Application US/09899046
                                                                                                                                                                                                                          73.7%; Score 98; ilarity 100.0%; Pred. No. Conservative 0; Mismatch
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%; Pred. No. 7.4;
0; Mismatches
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7.4e-87;
thes 0;
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7.4e-87;
                                                                                                                                                                                                                                                             Length 133;
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                                                                                                                                 US-09-878-281-223
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                                                                  Matches
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                                                                                  Best
                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/878,28
                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
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APPLICATION NUMBER:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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                                                                                                                                                                  TYPE: ami
TOPOLOGY:
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TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                  Local
                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                  FILING DATE:
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                                                                                                                                                                                                LENGTH:
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 77
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                             1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
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                                                                                Similarity
                                                                                                                                                                               1: 209 amino acids
amino acid
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QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSTGCVVIVGHIELGGK 136
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o. US20030032005A1
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                                                           73.7%; but
100.0%; Pr
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                                                                ; Score 98; DB
k; Pred. No. 1.1
0; Mismatches
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                                                                  1.1e-86;
hes 0;
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                                                                                                Length 209;
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RESULT 13
US-10-396-964-17
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                    RESULT 14
US-09-881-239-5
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Sequence
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COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                      HYPOTHETICAL: yes FRAGMENT TYPE: informat Source:
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APPLICATION NUMBER: 1
FILING DATE: 15-JUL-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 20-NOV-1992
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 1211 L...
CITY: Charlotte
STATE: No. US20030198946Alth Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/
FILING DATE: 23-MARCH-2003
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PLICANT: Yap, Peng L.
TLE OF INVENTION: Hepat:
                                                                                                                                                                                   POCET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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   5, Application US/09881239
                                                                                                                       15 MACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62
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                                                                                                                                                                  48;
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                                                                                          MACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 56
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                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                       Hepatitis-C virus
                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                                                                                                         internal
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                                                                                                                                                              36.1%; Score 48; DB 14; Length 128; 100.0%; Pred. No. 1.7e-38; tive 0; Mismatches 0; Indels
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; Mismatches 0;
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; OTHER INFORMATION: Description of Artificial Sequence: MEFA 12 US-09-881-239-5
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                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: MEFA 7.1 US-09-881-654-4
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APPLICANT: MEDINA-SELBY, Angelica
APPLICANT: MEDINA-SELBY, Angelica
TITLE OF INVENTION: HCV ANTIGEN/ANTIBODY COMBINATION ASSAY
FILE REFERENCE: 2302-16073 / pp16073.003
CURRENT APPLICATION NUMBER: US/09/881,239
CURRENT FILING DATE: 2011-06-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL
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APPLICANT: ARCANG
APPLICANT: TANDES
APPLICANT: GEORGE
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                                                                          Matches
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Best Local Similarity
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/212,082
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/280,811
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: 60/280,867
PRIOR FILING DATE: 2001-04-02
NUMBER: 60/280,867
                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: IMMUNOASSAYS FOR ANTI-HCV ANTIBODIES FILE REFERENCE: 2302-17039 / PP17039.002 CURRENT APPLICATION NUMBER: US/09/881,654 CURRENT FILING DATE: 2001-06-14
                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 829
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                            TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                   LENGTH: 1099
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                                  58 GGKPAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
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TANDESKE, Laura
GEORGE-NASCIEMENTO, (
COIT, Doris
GGKPAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 788
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TANDESKE, Laura
GEORGE-NASCIEMENTO,
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                                                                          Conservative
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100.0%; Pr/
'--a 0;
                                                                        30.8%; Score 41; DB 9; L
100.0%; Pred. No. 6.9e-31;
tive 0; Mismatches 0;
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Pred. No.
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5.4e-31;
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                                                                          0; Indels
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Search completed: March 18, 2004, 05:47:26 Job time: 40 secs